

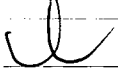
# Work Order ID 79188

January-23-12 11:05:11 AM

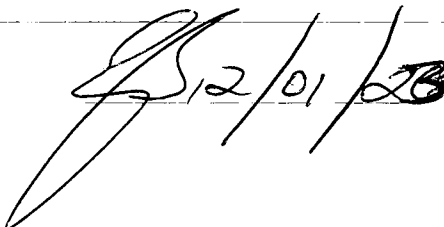
**\*79188\***

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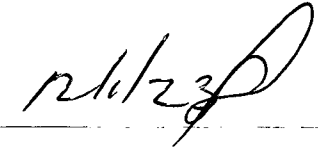
Item ID: D4151-041 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Basket Fwd Hardpoint Assembly, Lower  
 Start Date: 1/23/12 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 1/23/12 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan:  Date: Tooling: Date: Run Start **\*NR1\***  
 QC: Date: SPC (Y/N): Date: Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D4151	C								
100		0.00							
<b>*100*</b>									
Small Fab	Memo	0.00							
Small Fab	1- Assemble as per dwg								
110	QC5- Inspect part completeness to step on W/O	0.00							
<b>*110*</b>									
QC	Memo	0.00							
Quality Control									
120	Identify as per dwg & Stock Location: _____	0.00							
<b>*120*</b>									
Packaging	Memo	0.00							
Packaging									

 12/01/23 (1)

(46)



# Work Order ID 79188

**\*79188\***

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January-23-12 11:05:11 AM

Item ID: D4151-041 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Basket Fwd Hardpoint Assembly, Lower  
 Start Date: 1/23/12 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 1/23/12 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start **\*NR1\***  
 QC: Date: SPC (Y/N): Date: Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC21- Final Inspection - Work Order Release	0.00							
<b>*130*</b>									
QC	Memo	0.00							
Quality Control									

12/11/23  
 mr  
 12-01-23

# Picklist Print

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Page 1

Work Order ID: 79188

Parent Item: D4151-041

Parent Item Name: Basket Fwd Hardpoint Assembly, Lower

Start Date: 1/23/12

Required Date: 1/23/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.06.24 new issue DD verf:EC  
IPP Rev:B 10.07.22 as per revB DD verf:JLM  
revC DD verf:JLM

IPP Rev:C 11.01.21 as per dwg

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4151-1 Lower Hardpoint Plate		Manufactured	No			100	Each	2.0000	2	2		12/01/23	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST134		2							
				76304		2							
D4151-5 Fwd Basket Instl Stud		Manufactured	No			100	Each	14.0000	1	1		12/01/23	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST134		14							
				76306		6							
				77095		8							
AN4C13A BOLT		Purchased	No			100	Each	39.0000	2	2		12/01/23	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST357		39							
				120187		39							
MS21043-4 Nut		Purchased	No			100	Each	1,977.0000	2	2		12/01/23	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		40							
				104603		40							
				ST300		441							
				118686		441							
				ST301		1496							
				119546		496							
				120308		1000							

# Picklist Print

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Page 2

Work Order ID: 79188

Parent Item: D4151-041

Parent Item Name: Basket Fwd Hardpoint Assembly, Lower

Start Date: 1/23/12

Required Date: 1/23/12

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0432R

Purchased

No

100

Each

3,388.0000

4

4

Washer

Location

Loc Qty

Loc Code

ST297

3388

117291

2388

119124

1000

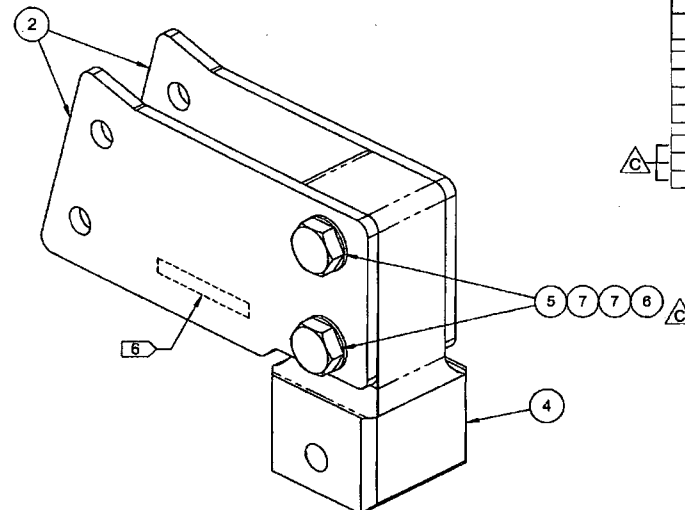
4

4512/01/23

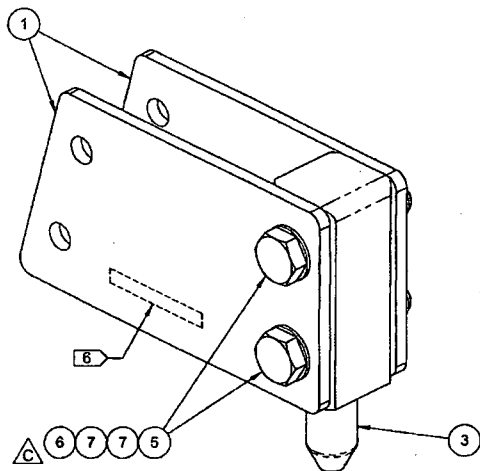
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Shop Packet Print

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**D4151-043 BASKET FWD HARDPOINT ASSY (UPPER)**



**D4151-041 BASKET FWD HARDPOINT ASSY (LOWER)**

ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
		X	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
1	2		D4151-1	LOWER HARDPOINT PLATE
2		2	D4151-3	UPPER HARDPOINT PLATE
3	1		D4151-5	FWD BASKET INSTL STUD (LOWER)
4		1	D4151-7	FWD EYEBOLT RECEIVER (UPPER)
5	2	2	AN4C13A	BOLT
6	2	2	MS21043-4	NUT
7	4	4	NAS1149C0432R	WASHER

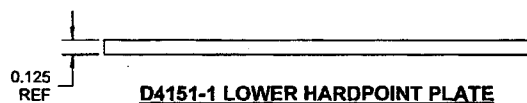
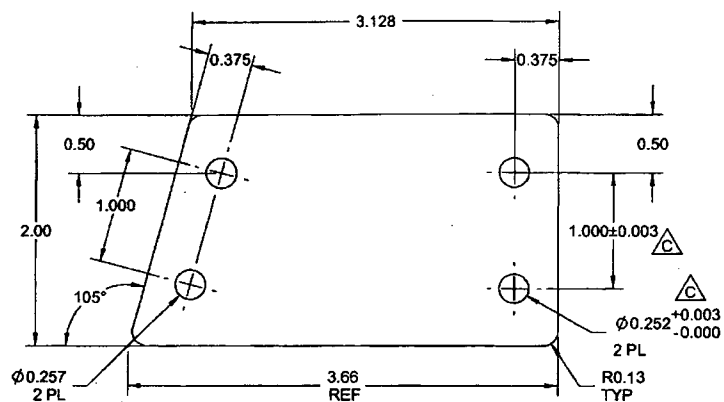
**RELEASED**  
2011-01-18

*W/679108*

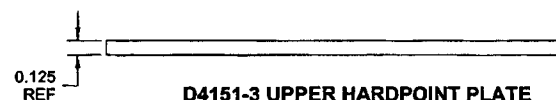
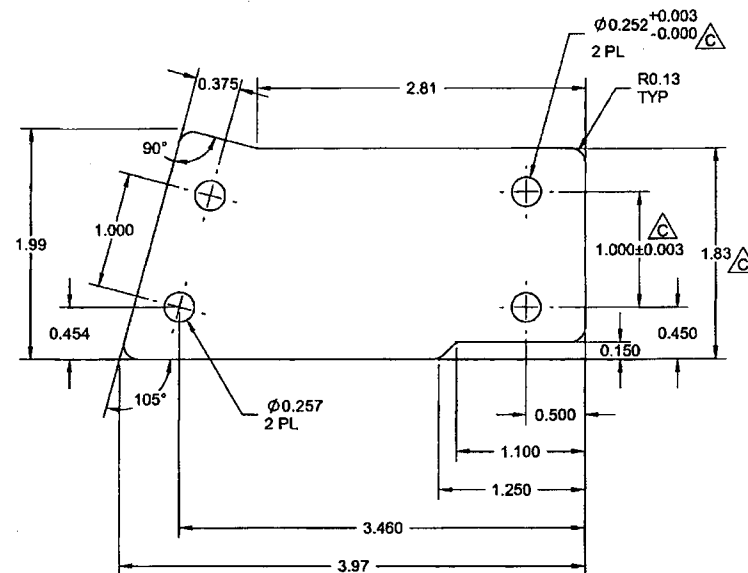
- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4151-04X" USING FINE POINT PERMANENT INK MARKER
  - 7) WEIGHT:
    - D4151-041 = 0.88 lbs
    - D4151-043 = 1.17 lbs

C	AM4 HARDWARE WAS AN3 (B6-1, C3-1 & D3-1); $\phi 0.252$ WAS $\phi 0.191$ (C5-2, D1-2); TIGHTENED TOL ON 1.000 DIM (C5-2, D1-2, C7-3, C3-3); $\phi 0.250$ WAS $\phi 0.191$ (C6-3, B4-3); 1.83 WAS 1.70 (C1-2), 2.84 WAS 2.78 (B3-3) AND 1.88 WAS 1.80 (C1-3) TO PRESERVE 1.5SD. REASON: SEE D407-797 DESIGN JOURNAL.	MB	10.12.14
B	ADDED D4151-5/-7 (SHT 3); D4151-5 WAS D3911-1 (ZN B6-1 & D3-1); D4151-7 WAS D3911-3 (ZN C4-1 & D3-1) ITEMS #5, 6 & 7 REPLACE MS20815-4M20 (ZN C3-1, D3-1 & B5-1); $\phi 0.191$ 2 PL REPLACES $\phi 0.129$ 3 PL (ZN C5-2); $\phi 0.191$ 2 PL REPLACES $\phi 0.129$ 4 PL (ZN D1-2). REASON: SEE TR-D350-607-2 REV. B.	MB	10.07.05
A	NEW ISSUE	MB	10.06.22
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED	SC		
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.12.14		

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D4151</b>	REV. C
TITLE <b>BASKET FWD HARDPOINT</b>	SHEET 1 OF 3
SCALE NTS	
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**D4151-1 LOWER HARDPOINT PLATE**



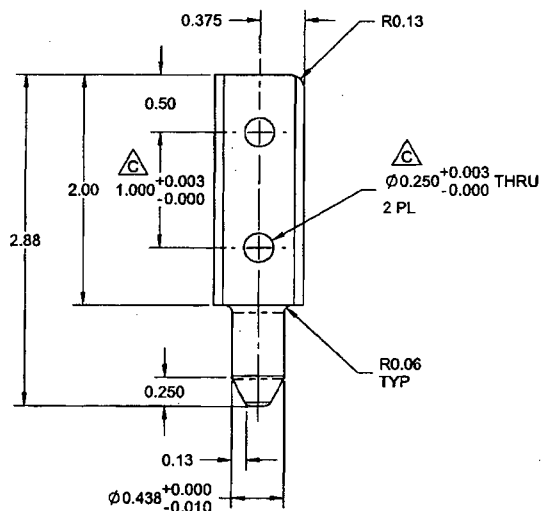
**D4151-3 UPPER HARDPOINT PLATE**

**NOTES:**

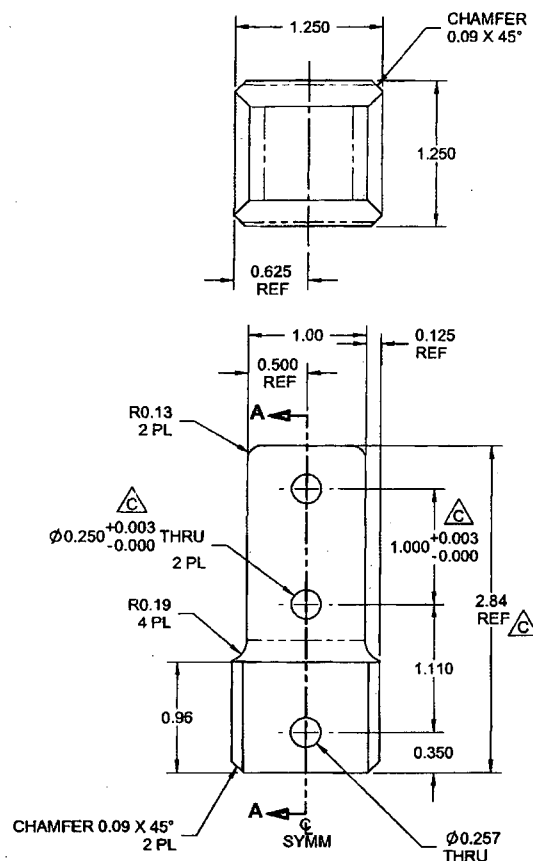
- 1) MATERIAL: 303/304/316 STAINLESS STEEL SHEET ANNEALED 2B, 0.125 THK  
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240  
REF. DART SPEC. M304S11GA OR M303S11GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY AT ASSEMBLY
- 7) WEIGHT:  
- D4151-1 = 0.24 lbs  
- D4151-3 = 0.23 lbs

**RELEASED**  
2011-01-18  
JMD

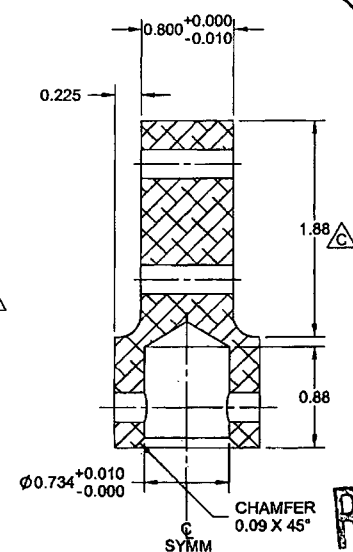
DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D4151	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		<b>BASKET FWD HARDPOINT</b>	
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**D4151-5 FWD BASKET INSTL STUD (LOWER)**



**D4151-7 FWD EYEBOLT RECEIVER (UPPER)**



**SECTION A-A**

**NOTES:**

- 1) MATERIAL -5: 303/304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276 OR ASTM A582  
PER DART SPEC M303R OR M304R
- 7: 303/304/316 STAINLESS STEEL BAR, PER ASTM A276 OR ASTM A582  
PER DART SPEC M303B OR M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY AT ASSEMBLY
- 7) WEIGHT -5: 0.36 lbs  
-7: 0.70 lbs

DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	JS			
CHECKED	JS		DRAWING NO.	REV. C
MFG. APPR.	SC		D4151	SHEET 3 OF 3
APPROVED			TITLE	SCALE
DE APPR.			BASKET FWD HARDPOINT	NTS
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2011-01-13  
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